

Rabbit PTHR2 / PTH2R Polyclonal Antibody | anti-PTH2R antibody

Rabbit Polyclonal to Human PTHR2 / PTH2R

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52291	Rabbit	Human Predicted Reactivity: Gorilla, Gibbon, Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

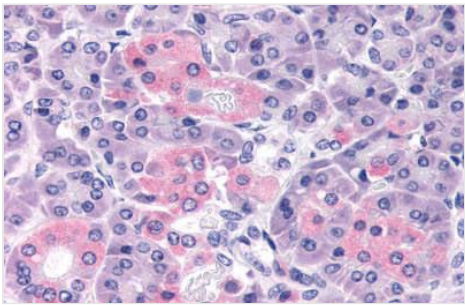
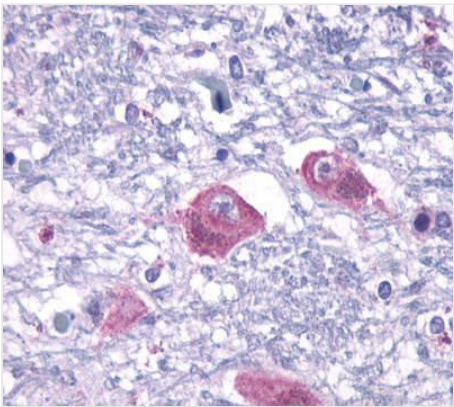
PRODUCT SYNONYMS

PTH2R / PTH2R; Polyclonal Antibody; Rabbit Polyclonal to Human PTHR2 / PTH2R; Anti-PTH2R / PTH2R Antibody (Extracellular Domain) IHC-plus; PTH2R; Parathyroid hormone 2 receptor; Parathyroid hormone receptor 2; PTH2 receptor; PTHR2; Hpth2 receptor; Human PTHR2; anti-PTH2R antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Gorilla, Gibbon, Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human PTH2R / PTHR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	550
Applicable Applications for anti-PTH2R antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from 1st extracellular domain of human PTH2R / PTHR2. Percent identity with other species by BLAST analysis: Human (100%); Gorilla, Gibbon, Monkey (95%).
Immunogen Type	Synthetic peptide
Immunogen	PTH2R / PTH2R antibody was raised against synthetic 20 amino acid peptide from 1st extracellular domain of human PTH2R / PTHR2. Percent identity with other species by BLAST analysis: Human (100%); Gorilla, Gibbon, Monkey (95%).
Antigen Modification	Extracellular Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-PTH2R / PTH2R antibody IHC of human pancreas. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

IHC (Immunohistochemistry)
Anti-PTH2R / PTH2R antibody IHC of human brain, neurons and glia. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-PTH2R antibody	PTH2R, a Parathyroid Hormone Receptor, binds parathyroid hormone (PTH), parathyroid hormone-related peptide, and tuberoinfundibular peptide 39 (TIP39). However, parathyroid hormone-related peptide does not activate the receptor. The physiologic role of PTH2R and its possible role in disease remained to be determined.
Product Categories/Family for anti-PTH2R antibody	Family: GPCR; Subfamily: Parathyroid hormone

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826954
NCBI GeneID	5746
NCBI Accession #	NP_005039.1
NCBI GenBank Nucleotide #	NM_005048.3
UniProt Accession #	P49190; Q8N429
Molecular Weight	62,236 Da
NCBI Official Full Name	parathyroid hormone 2 receptor
NCBI Official Synonym Full Names	parathyroid hormone 2 receptor
NCBI Official Symbol	PTH2R
NCBI Official Synonym Symbols	PTH2R
NCBI Protein Information	parathyroid hormone 2 receptor; PTH2 receptor; parathyroid hormone receptor 2
UniProt Protein Name	Parathyroid hormone 2 receptor
UniProt Gene Name	PTH2R
UniProt Synonym Gene Names	PTH2R; PTH2 receptor
UniProt Entry Name	PTH2R_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.